

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 206440US0CONT		SERIAL NO. NEW U.S. APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Vitaly Arkadievich LIVSHITS et al			
				FILING DATE Herewith		GROUP	

1000 U.S. P.T.
 09/847392
 05/03/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
mm2	AA	5,534,421	07/09/96	Vitaly A. LIVSHITS et al	/	/	
	AB	5,175,107	12/29/92	Vladimir G. DEBABOV et al			
	AC	5,538,873	07/23/96	Vladimir G. DEBABOV et al			
	AD	5,631,157	05/20/97	Vladimir G. DEBABOV et al			
	AE	5,658,766	08/19/97	Vitaly A. LIVSHITS et al			
	AF	5,705,371	01/06/98	Vladimir G. DEBABOV et al			
mm2	AG	5,976,843	11/02/99	Vladimir G. DEBABOV et al			
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS					
DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
AO					
AP					
AQ					
AR					
AS					
AT					
AU					
AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)		
mm2	AW	N. P. ZAKATAEVA, et al., 17 th International Congress of Biochemistry and Molecular Biology, "CHARACTERIZATION OF A PLEIOTROPIC MUTATION THAT CONFERS UPON ESCHERICHIA COLI CELLS RESISTANCE TO HIGH CONCENTRATIONS OF HOMOSERINE AND THREONINE", August 24-29, 1997
	AX	O.B. ASTAUROVA, et al., Applied Biochemistry and Microbiology, Vol. 21, No. 5, pps 485-490, "AMINATION IN STRAINS OF ESCHERICHIA COLI WHICH EFFECTIVELY SYNTHESIZE THREONINE," March 1986
	AY	O.L. LOMOVSKAYA, et al., Journal of Bacteriology, Vol. 176, No. 13, pps. 3928-3935, "CHARACTERIZATION OF THE o ³⁸ -DEPENDENT EXPRESSION OF A CORE ESCHERICHIA COLI STARVATION GENE, pexB," July 1994
mm2	AZ	O.B. ASTAUROVA, et al., Applied Biochemistry and Microbiology, Vol. 27, No. 5, pp. 556-561, "COMPARATIVE STUDY OF AMINO-ACID-PRODUCING E. COLI STRAINS", March, 1992

Examiner mm2	Date Considered 9/26/02
-----------------	----------------------------

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 206440US0CONT		SERIAL NO. NEW U.S. APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Vitaly Arkadievich LIVSHITS et al			
				FILING DATE HEREWITH		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>marr</i>	AW	Daniels et al. Analysis of E.coli genome: DNA sequence of the region from 84.5-86-5 minutes. Science, 1992, Vol. 257:771-778.					
	AX						
	AY						
	AZ						
Examiner <i>marr</i>					Date Considered <i>9/26/02</i>		
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 206440US0 CONT		SERIAL NO. 09/847,392	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Vitaly A. LIVSHITS, et al.			
				FILING DATE 05/03/01		GROUP 1652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
mm	AA	6,132,999	10/17/00	DEBABOV, et al.	—	—	
	AB	6,165,756	12/26/00	DEBABOV, et al.	—	—	
	AC	6,303,348	10/16/01	LIVSHITS, et al.	—	—	
	AD	6,297,031	10/02/01	DEBABOV, et al.	—	—	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
Examiner mm					Date Considered a/26/02		
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

6

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 206440US0CONT		SERIAL NO. 09/847,392	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Vitaly A. LIVSHITS, et al.			
				FILING DATE May 3, 2001		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
mmr	AA	5,017,483	05/21/91	FURUKAWA ET AL	—	—	
	AB	5,658,766	08/19/97	LIVSHITS ET AL	—	—	
mmr	AC	4,278,765	07/14/81	DEBABOV ET AL	—	—	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
mmr	✓	AO 97 23597	07/03/97	WIPO	—	—	
mmr	✓	AP 1 013 765	06/28/00	EUROPE			
		AQ					
		AR					
		AS					
		AT					
		AU					
		AV					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
mmr	AW	DANIELS ET AL.: "Homoserine/homoserinelactone efflux protein" retrieved from EBI, accession no. RHTB_ECOLI, Database accession no. P27847 XP002202582 *the whole document* -&					
	AX	29 January 1997 (1997-01-29) Blattner et al.: "Escherichia coli K12MG1655 section 348 of 400 of the complete genome" retrieved from EBI, accession no. ECAE458 Database accession no. AE000458 XP002202583 *the whole document* &					
	AY	ZAKATAEVA ET AL.: "The novel transmembrane Escherichia coli proteins involved in the amino acid efflux" FEBS LETTERS, vol. 452, 11 June 1999 (1999-06-11), pages 228-232					
mmr	AZ	ZAKATAEVA ET AL.: "Characterization of a pleiotropic mutation that confers upon Escherichia coli cells resistance to high concentrations of homoserine and threonine" FASEB JOURNAL, FED. OF AMERICAN SOC. FOR EXPERIMENTAL BIOLOGY, BETHEDA, MD, US, vol. 11, no. 9, 31 July 1997 (1997-07-31), page a935				<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner mmr					Date Considered 9/26/02		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

7

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 206440US0CONT		SERIAL NO. 09/847,392	
LIST OF REFERENCES CITED BY APPLICANT <div style="position: absolute; top: 100px; left: 100px; border: 2px solid black; border-radius: 50%; padding: 10px; transform: rotate(-45deg);"> OIPE JC139 AUG 02 2002 PATENT & TRADEMARK OFFICE </div>				APPLICANT Vitaly A. LIVSHITS, et al.			
				FILING DATE May 3, 2001		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
mm	AW	ALESHIN V. V. ET AL: "A new family of amino-acid-efflux proteins" TIBS TRENDS IN BIOCHEMICAL SCIENCES, ELSEVIER PUBLICATION, CAMBRIDGE, EN, vol. 24, no. 4, 1 April 1999 (1999-04-01) pages 133-135					
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner mm					Date Considered 9/26/02		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

 RECEIVED
 AUG 05 2002
 TECH CENTER 1600/2900